



POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR/S UNDER 37 C.F.R. §1.32
AND STATEMENT UNDER 37 C.F.R. § 3.73(b)

To the Commissioner of Patents and Trademarks:

The undersigned assignee of the entire interest in application for letters patent submitted in connection with Serial No. 10/686,898 filed on October 15, 2003 entitled *TWO-STEP ATOMIC LAYER DEPOSITION OF COPPER LAYERS*, filed herewith and having the named inventor(s):

Yoshihide SENZAKI

hereby appoint, the DORSEY & WHITNEY LLP attorneys and agents associated with Customer Number 32940 as its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 3.71; provided that if any one of said attorneys ceases being affiliated with the law firm of DORSEY & WHITNEY LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived there from shall terminate on the date such attorney ceases being so affiliated.

AVIZA TECHNOLOGY, INC., a Corporation of the State of Delaware, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. A copy of the executed, unrecorded assignment is attached hereto. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Direct all telephone calls to Maria S. Swiatek at (650) 494-8700. Address all correspondence to:

DORSEY & WHITNEY LLP
Suite 3400, Four Embarcadero Center
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AVIZA TECHNOLOGY, INC.

Date: 4/21/04

By: [Signature]

Type Name: Jeffrey M. Kowalski

Title: Executive Vice President
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